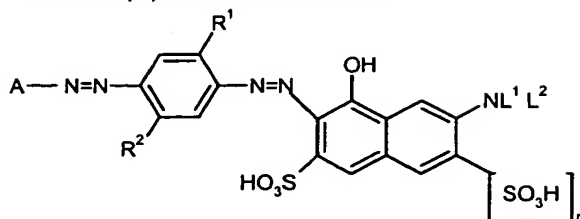


CLAIMS

1. A compound of Formula (1) and salts thereof:



Formula (1)

wherein:

A is a substituted phenyl group carrying a group of the formula -NR<sup>3</sup>R<sup>4</sup> and an ortho group selected from sulpho, phosphonato and phosphinato;

n is 0 or 1;

L<sup>1</sup> and L<sup>2</sup> are each independently H, optionally substituted alkyl, optionally substituted cycloalkyl or optionally substituted aryl, or L<sup>1</sup> and L<sup>2</sup> together with the N atom to which they are attached form an optionally substituted 5- or 6- membered ring;

R<sup>1</sup> and R<sup>2</sup> are each independently optionally substituted alkyl or optionally substituted alkoxy; and

R<sup>3</sup> and R<sup>4</sup> are each independently H, optionally substituted alkyl, optionally substituted cycloalkyl or optionally substituted aryl, or R<sup>3</sup> and R<sup>4</sup> together with the nitrogen atom to which they are attached form an optionally substituted 5- or 6- membered ring; or

R<sup>3</sup> is H, optionally substituted alkyl, optionally substituted cycloalkyl or optionally substituted aryl and R<sup>4</sup> is an acyl group.

2. A compound according to claim 1 wherein n is 0; L<sup>1</sup> and L<sup>2</sup> are H; and R<sup>3</sup> and R<sup>4</sup> are each independently H, optionally substituted alkyl, optionally substituted cycloalkyl or optionally substituted aryl, or R<sup>3</sup> and R<sup>4</sup> together with the N atom to which they are attached form an optionally substituted 5- or 6- membered ring.

3. A compound according to claim 1 wherein n is 1; L<sup>1</sup> and L<sup>2</sup> are H; and R<sup>3</sup> and R<sup>4</sup> are each independently H, optionally substituted alkyl, optionally substituted cycloalkyl or optionally substituted aryl, or R<sup>3</sup> and R<sup>4</sup> together with the nitrogen atom to which they are attached form an optionally substituted 5- or 6-membered ring.

4. A compound according to claim 1 wherein  $n$  is 0;  $L^1$  and  $L^2$  are H;  $R^3$  is H, optionally substituted alkyl, optionally substituted cycloalkyl or optionally substituted aryl; and  $R^4$  is an acyl group.

5. A compound according to claim 1 wherein  $n$  is 1;  $L^1$  and  $L^2$  are H;  $R^3$  is H, optionally substituted alkyl, optionally substituted cycloalkyl or optionally substituted aryl; and  $R^4$  is an acyl group.

5m  
A<sub>1</sub>  
6. A compound according to any one of the preceding claims wherein at least one of  $R^1$  and  $R^2$  carries an -OH group.

7. A compound according to any one of claims 1 to 3 or 6 wherein  $R^3$  and  $R^4$  are each independently selected from  $C_{1-4}$ -alkyl,  $C_{1-4}$ -alkyl-OH, phenyl or phenyl carrying a carboxy and/or sulpho group, or  $R^3$  and  $R^4$  together with the nitrogen to which they are attached form an optionally substituted morpholino or piperidino ring.

8. A compound according to any one of claims 1, 4 or 5 wherein  $R^3$  is selected from  $C_{1-4}$ -alkyl,  $C_{1-4}$ -alkyl-OH, phenyl and phenyl carrying a carboxy and/or sulpho group.

5m  
A<sub>2</sub>  
9. A compound according to any one of claims 1, 4, 5, or 8 wherein  $R^4$  is of the formula  $-COR^5$ ,  $-SOR^5$  or  $-SO_2R^5$ , wherein  $R^5$  is H, optionally substituted alkyl, optionally substituted cycloalkyl or optionally substituted aryl.

10. A compound according to any one of the preceding claims wherein the group of the formula  $-NR^3R^4$  is in the para position with respect to the azo linkage.

11. A compound according to any of the preceding claims wherein the ortho group on A is sulpho.

12. A compound according to any one of the preceding claims wherein one of  $R^1$  and  $R^2$  is  $-OC_{1-4}$ -alkyl-OH and the other is  $-OC_{1-4}$ -alkyl or  $-OC_{1-4}$ -alkyl-OH.

13. An ink comprising a compound according to any one of the preceding claims and a liquid medium or a low melting point solid medium.

14. An ink according to claim 13 which contains a further colorant selected from black, cyan and yellow colorants.

sub A3 15. An ink according to claim 13 or 14 which contains less than 500ppm in total of divalent and trivalent metal ions.

5 16. A process for forming an image on a substrate comprising applying an ink according to claim 13, 14 or 15 to the substrate by means of an ink jet printer.

sub A4 17. A paper, an overhead projector slide or a textile material printed with an ink according to claim 13, 14 or 15, a compound according to any one of claims 1 to 12 or by means of a process according to claim 16.

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18. An ink jet printer cartridge, optionally refillable, comprising a chamber and an ink, wherein the ink is present in the chamber and the ink is as defined in claim 13, 14 or 15.